

# Andrii Prykhodko

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Website | LinkedIn

## Skills

**Programming:** Python, Java, Java script, Matlab, HTML/CSS, C++

**Electronics:** Microcontrollers, Sensors, Electric circuits, CANBUS

**Databases/Software:** Git, Solidworks, Webots, VS Code, IntelliJ, PyCharm, Jupyter notebook, Matlab, GrabCad, Arduino IDE

**Soft skills:** Communication, Collaboration, Adaptivity, Critical Thinking, Creativity, Persistence

## Education

**BSc. Electrical engineering & Artificial intelligence systems** at Western University  
2022 – 2026

**Junior Specialist Marine Navigational officer** at Odessa Nautical College 2017 – 2021

**Specialized Secondary School No. 86**, Odesa, Ukraine 2007 - 2017

## Experience



**Software team lead** | WeBots | UWO club September 2022 – Present

- Programmed motor controls for simulation
- Simulated motor movement in Webots software
- Assisted with Custom environment and reward system
- Designed neural network based on motor and sensor outputs



**Mechanical engineer** | WeMars | UWO club October 2022 – May 2022

- Designed rover hubs, molds, Belly Pan
- Measured, cut, and worked with carbon fiber, aluminum, acrylic sheets
- Assembled rover prototype

**Dishwasher** at Sweet Onion Bistro June 2023 – August 2023

**Deck cadet** on Container & Cruise vessel October 2020 – May 2022

**Porter** at Palace Del Mar Odessa May 2020 – September 2020

**Languages:** English - fluent, Ukrainian - fluent, Russian - fluent.